

FIG. 1

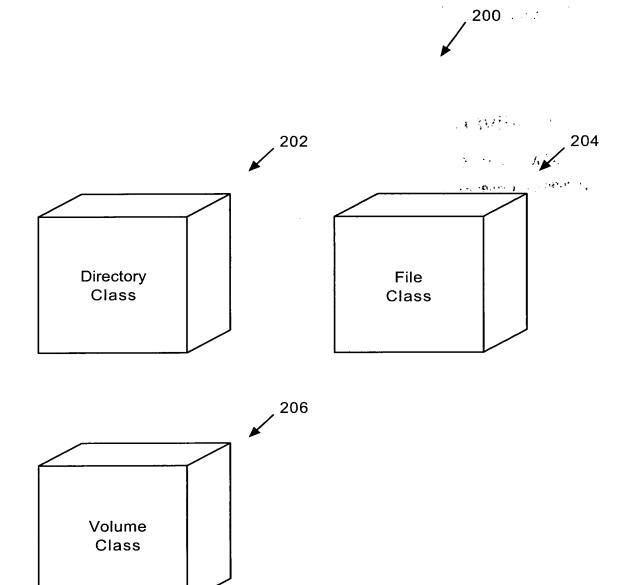


FIG. 2A

Directory Class ATTRIBUTES: 202a Type Actions Enabled **Permissions** Owner Group ID Local ID Local Parent ID **MAESI Bit** Mirror Bit Mirror Target ID Multicast IPV6 Address Multicast mirror group Frequency of Mirror Time Stamps Etc. **OPERATIONS:** 202b Create (); Delete (); Move (); Change owner (); Change group (); Link (); Unlink (); Change permissions ();

FIG. 2B

File Class

```
ATTRIBUTES:
204a
            Type
            Actions Enabled
            Permissions
            Owner
            Group ID
            Local ID
            Local Parent ID
            MAESI Bit
            Mirror Bit
            Mirror Target ID
            Multicast IPV6 Address
            Multicast mirror group
            Frequency of Mirror
            Time Stamps
            Etc.
        OPERATIONS:
204b
            Open ();
             Edit ();
             Append ();
             Read ();
             Write ();
            Link ();
             Concatenate () or Open, Read, redirect, close ();
             Create ();
             Delete ();
             Move ();
             Change owner ();
             Change group ();
             Link ();
             Unlink ();
             Change permissions ();
```

FIG. 2C

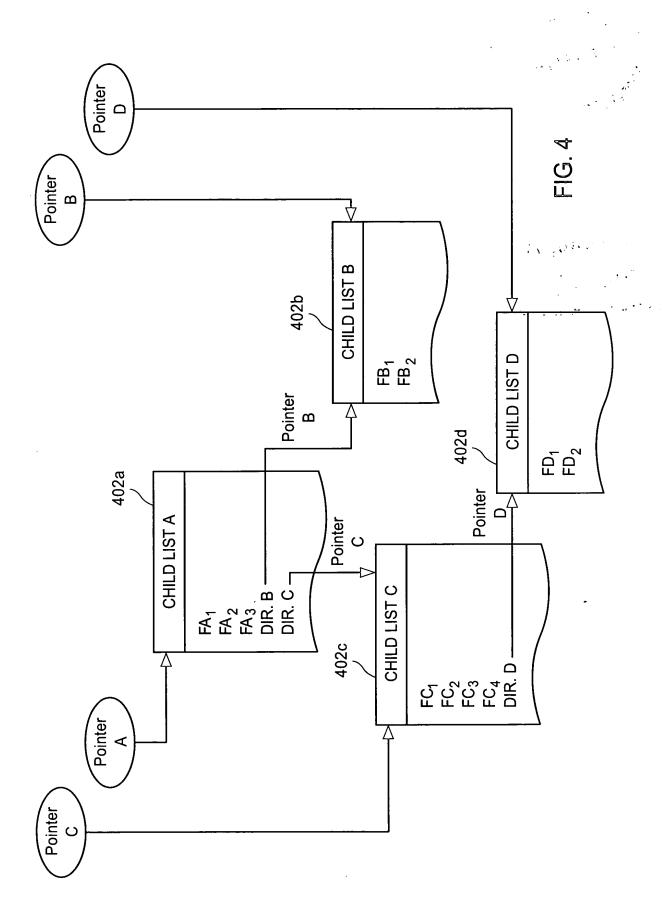
F _{D2}
F ₀₁ F _{D2}
DIR. D
- C4
F ₁ F ₂
ΓΩ
DIR. C
F _{B2}
В1
DIR. B
А3
F _{A2}
П _A
DIR. A

FIG. 3A

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F _{D2}	DIR. D	N/A
-F0		
DIR. D F _{D1} F _{D2}	DIR. C	Pointer D
F ₂	DIR. C	
ည်		N/A
- 23		Ž
" 2		
DIR. C F _{C1} F _{C2} F _{C3} F _{C4}	DIR. A	Pointer C
F _{B2}	DIR. B	N/A
F ₈ 1		
DIR. B	DIR. A	Pointer B
F _{A3}	DIR. A	
F A2		N/A
T _A		
DIR. A F _{A1} F _{A2} F _{A3}	Vol. Z	Pointer A
	(IPID)	

FIG. 3B



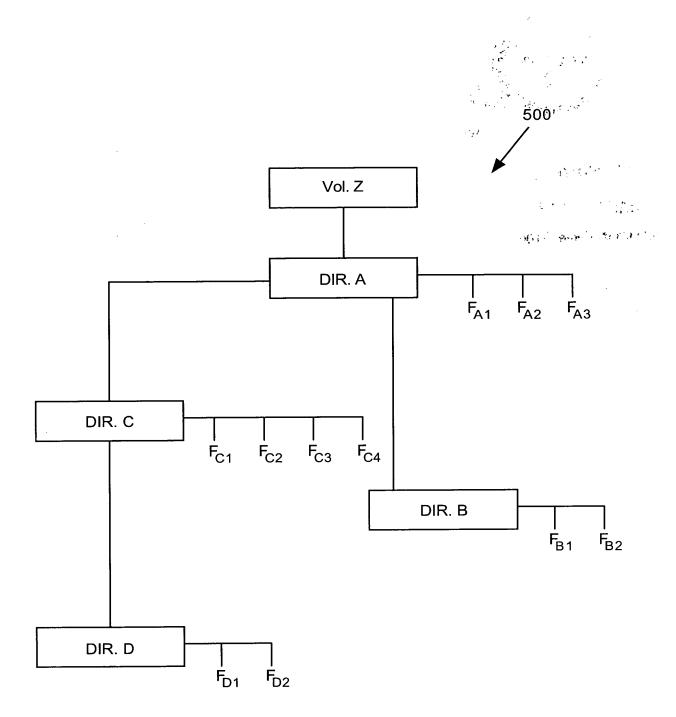
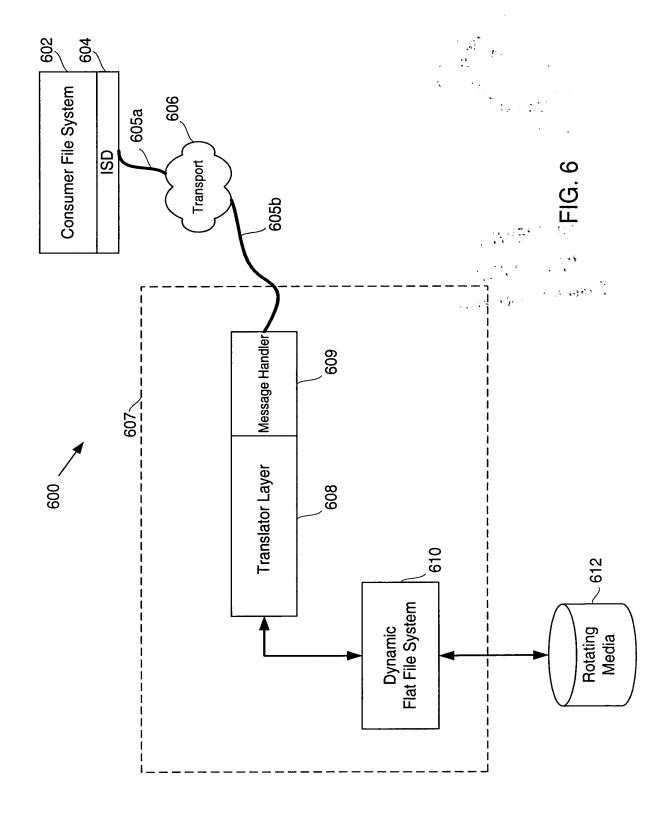
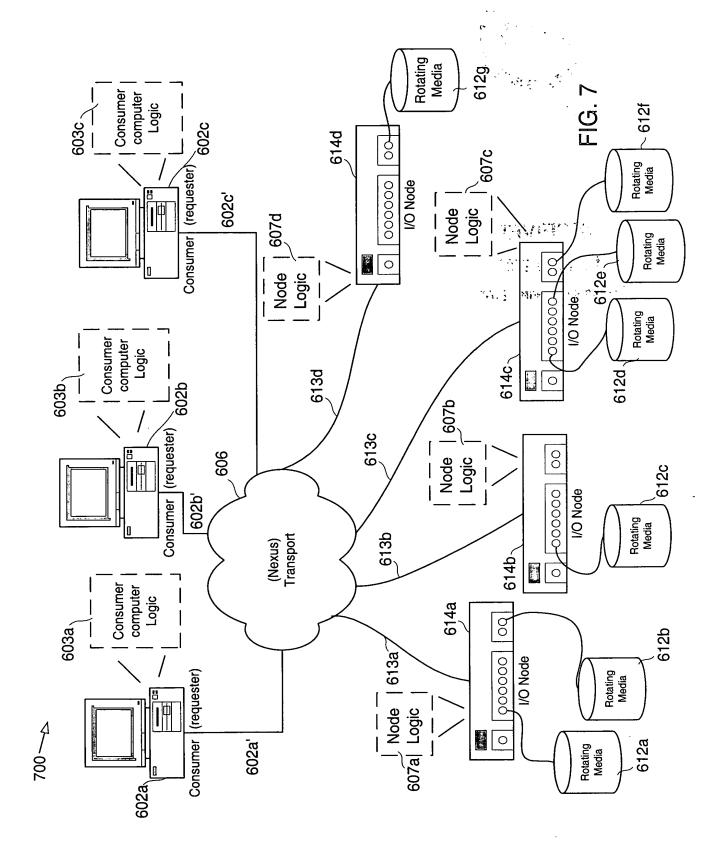
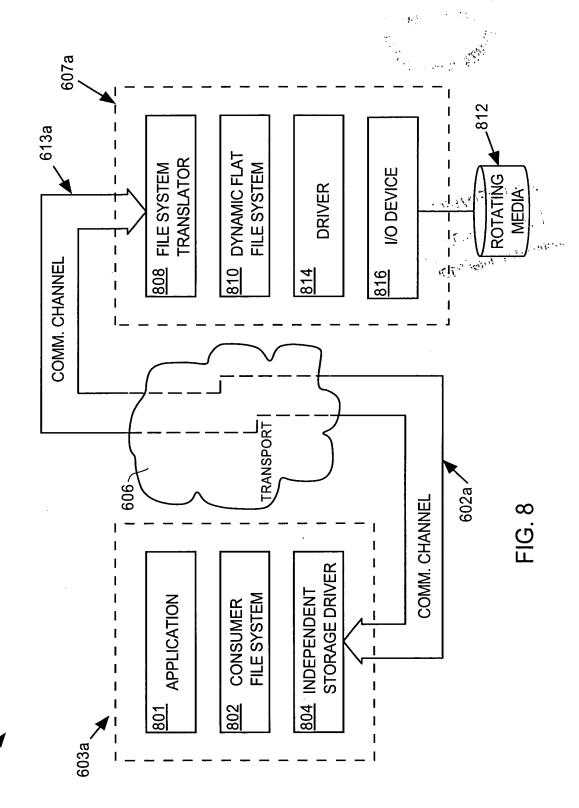


FIG. 5







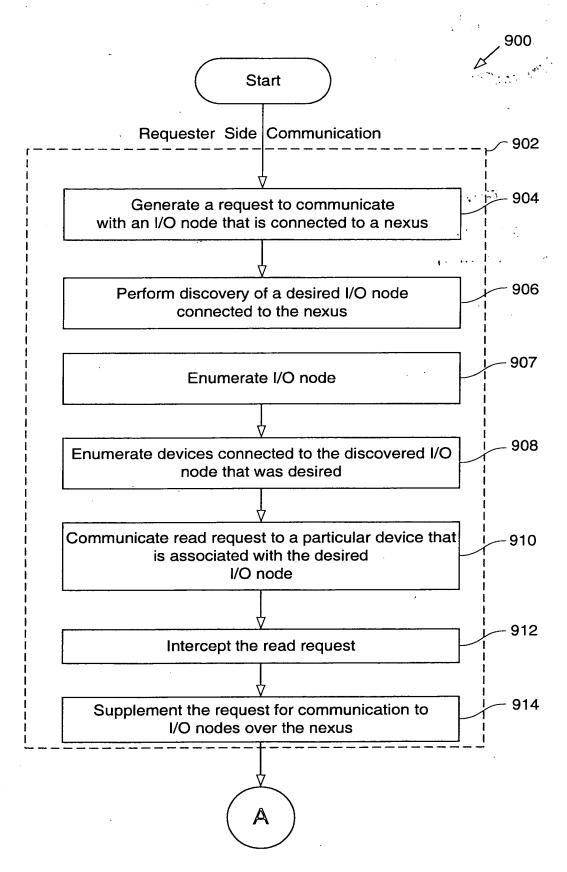


FIG. 9A

